

The learning and service project is defined as an educational project with social utility

IES Ribot i Serra is a high school situated in the south of Sabadell. It is categorized as highly complex and its academic level is below the Catalan average, largely due to the sociocultural background of their students.

The activities were done with 1st of “bachillerato” students. The goal was to make the students understand the concept of globalization and climate change, zoonosis, vector-borne disease and the links between them.

PRELIMINARY SESSION:

- Introducing ourselves to the class group,
- Assessing the student's level of knowledge on the subject through a google questionnaire.
- Comprehend their work dynamic.

Questionari coneixements previs

Al mes de març farem una sèrie de tallers sobre malalties transmeses per vectors i perquè aquestes ús siguin

Nom i Cognom

Texto de respuesta corta

País de Origen

Texto de respuesta corta

Image 2: Questionnaire of the preliminary session

FIRST SESSION:

Kahoot and explanation of answers.



Image 3: Explanation of the answers to the class

Construction of a mosquito trap.



Image 4: Helping the students to build the trap

THIRD SESSION:

- Observation and identification of vectors through a magnifying glass.
- Teamwork to study the biological cycles of vectors.
- Consider possible prevention measures.

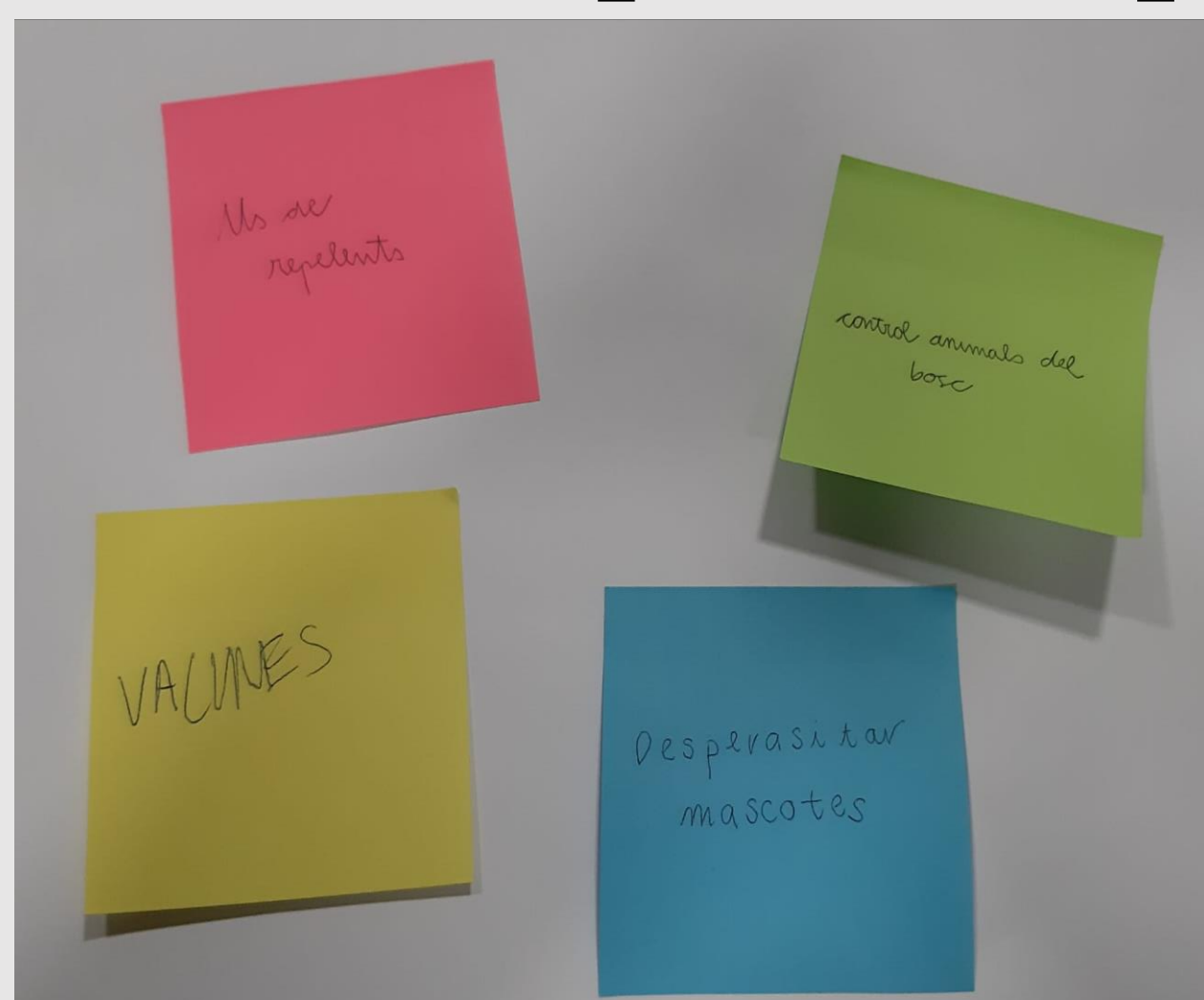


Image 5: prevention measures proposed by the students



Image 6: vectors samples used for the activity

LAST SESSION:

The aim was to learn about two emerging diseases (West Nile and Crimean Congo Fever) and one re-emerging disease (plague). I used 4 videos (one introductory and 3 about clinical cases of the diseases) followed by some questions online in a “google questionnaire”. To correct them, I filmed a detailed correction.



Image 6: one of the clinical cases propose to the students

Working hand on hand with students allows us to see how the "adults of the future" will be like. It also helped to realise that some concepts that may seem basic to us, as a veterinary student, are not so understandable for the majority of the population. This means that as professionals, we have to be able to convey our knowledge clearly